

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

(For all sources except PSD and true minor sources)

Completed by: Margaret Morrison

GENERAL INFORMATION:

Name:	Publishers Printing Company
Address:	13487 South Preston Highway, Lebanon Junction, Kentucky 40150
Date application received:	December 9, 1997
SIC/Source description:	2721/Offset Lithographic Paper Printing Plant
AFS(10-digit) Plant ID:	21-029-00032
EIS #:	104-0440-0032
Application log number:	F440
Permit number:	V-99-033

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input checked="" type="checkbox"/> Synthetic minor
__Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input checked="" type="checkbox"/> Other

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM	1.627	1.627
SO ₂	0.132	0.132
NO _x	21.415	21.415
CO	17.990	17.990
VOC	197.390	222.671
HAPs >10 single or 25 combination	None	None

SOURCE PROCESS DESCRIPTION:

Publishers Printing Company is an offset lithographic paper printing plant which prints magazines. Printing takes place on eleven offset lithographic presses each with a natural gas fired dryer. Seven of the presses are controlled by condenser/filters. Four of the presses are controlled by catalytic oxidizers. Insignificant activities consist of a 30,000 gallon propane tank, 12 natural gas/propane space heaters, four chillers with cooling towers, five ink jet head cleaning stations, five hot melt magazine binding gluers, maintenance activities of the presses which consist of surface preparation for maintenance painting and a maintenance paint spray booth, a scrap paper collection system, two natural gas fired boilers with propane as backup and a cold solvent cleaner using mineral spirits as the cleaning agent.

EMISSIONS AND OPERATING CAPS DESCRIPTION:

VOC emissions from Press 409 are required to be less than 40 tons/yr. VOC emissions from Press 411 are required to be less than 20 tons/yr. The total VOC emissions from both Press 410 and 412 are required to be less than 20 tons/yr. These requirements are in place to preclude PSD review and as a result of the type of construction permit the company requested.